BUS. ADM. LIBRARY

NOV 2 1949

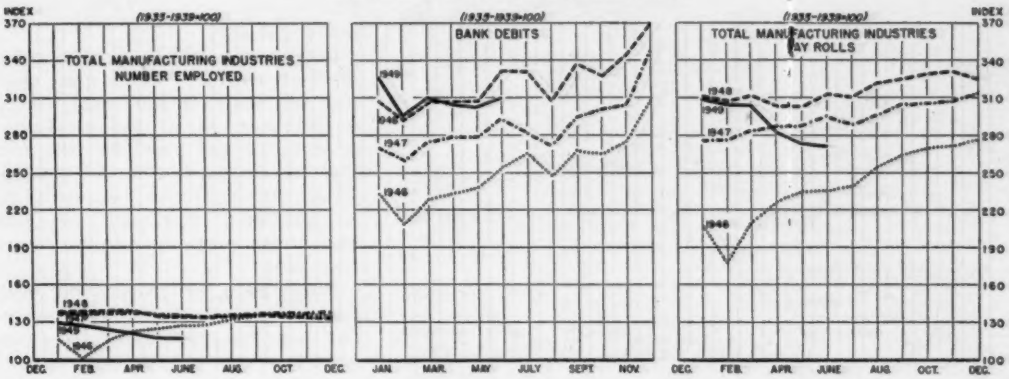
# Bulletin of Business Research

BUS. ADM. LIBRARY

• Published Monthly by THE BUREAU OF BUSINESS RESEARCH
• College of Commerce and Administration, The Ohio State University

Volume XXIV, Number 6 JULY, 1949 Subscription, $2 per Year

## INDEXES OF OHIO BUSINESS




# The Trend of Business

### IN THE UNITED STATES

**Business Activity** for the 4 weeks ending July 16 dropped 4 per cent from the previous 4 weeks and 8 per cent from the same 4-week period in 1948. For the first 6 months of 1949 as compared with the same period in 1948 Business Activity was down 3 per cent, according to the New York *Times* Business Activity Index.

**Freight Car Loadings** for the same 4-week period dropped 6 per cent from the previous 4 weeks, 16 per cent for the corresponding period for 1948, and for the first 6 months of 1949 were 10 per cent below the corresponding period in 1948.

**Bank Debits** outside New York City in June were up 2 per cent from May, but were down 2 per cent from June of last year.

**Total Personal Income** in June was up slightly from May and from June of last year. For the first half year of 1949 as compared with the same period for 1948, income payments were up 2 per cent.

**Salaries and Wages** were down fractionally in June from May but were up 2 per cent from June of last year, and for the first half year of 1949 as compared with the same period last year were up 5 per cent.

**Industrial Production** as measured by the Federal Reserve Board Index dropped 2 per cent in June from May, 12 per cent from June 1948, and for the year to date about 6 per cent from 1948.

**Electric Power Production** in June was up 1 per cent from May, 4 per cent from June of last year, and for the year to date was 5 per cent above 1948.

**Bituminous Coal Production** was down 26 per cent in June from May, 34 per cent from June of last year, and for the year to date was down 11 per cent from the same period last year.

**Steel Production** dropped 12 per cent in June from May, 11 per cent from June 1948, and for the year to date was 7 per cent above 1948.

**Pig Iron Production** dropped 13 per cent in June from

*(Continued on Page 2)*

### IN OHIO

**Bank Debits** in Ohio were up 2 per cent in June from May but were down 6 per cent from June 1948, and for the first half year of 1949 were fractionally below the same period last year.

**Agricultural Income** dropped 1 per cent in June from May, 16 per cent from June of last year, and for the year to date were down 13 per cent from the same period in 1948. In June 1949 as compared with June 1948 the drop in income amounted to 13 per cent from meat animals, 28 per cent from dairy products, 13 per cent from grains, and 6 per cent from poultry and eggs.

**Electric Power Production** dropped 5 per cent in June from May but was up fractionally from June 1948, and for the year to date was 5 per cent above the same period last year.

**Bituminous Coal Production** dropped 20 per cent in June from May, 35 per cent from June 1948, and for the year to date was 15 per cent below the same period last year.

**Construction Activity** as measured by the value of contracts awarded was up 23 per cent in June from May but was down 10 per cent from June of last year, and for the year to date was 3 per cent above the corresponding period in 1948. In June as compared with May residential construction was up 14 per cent, non-residential construction was up 11 per cent, and public works and utilities construction was up 77 per cent. For the first half year of 1949 as compared with the same period last year residential construction dropped 15 per cent while non-residential construction was up 15 per cent, and public works and utilities construction was up 18 per cent.

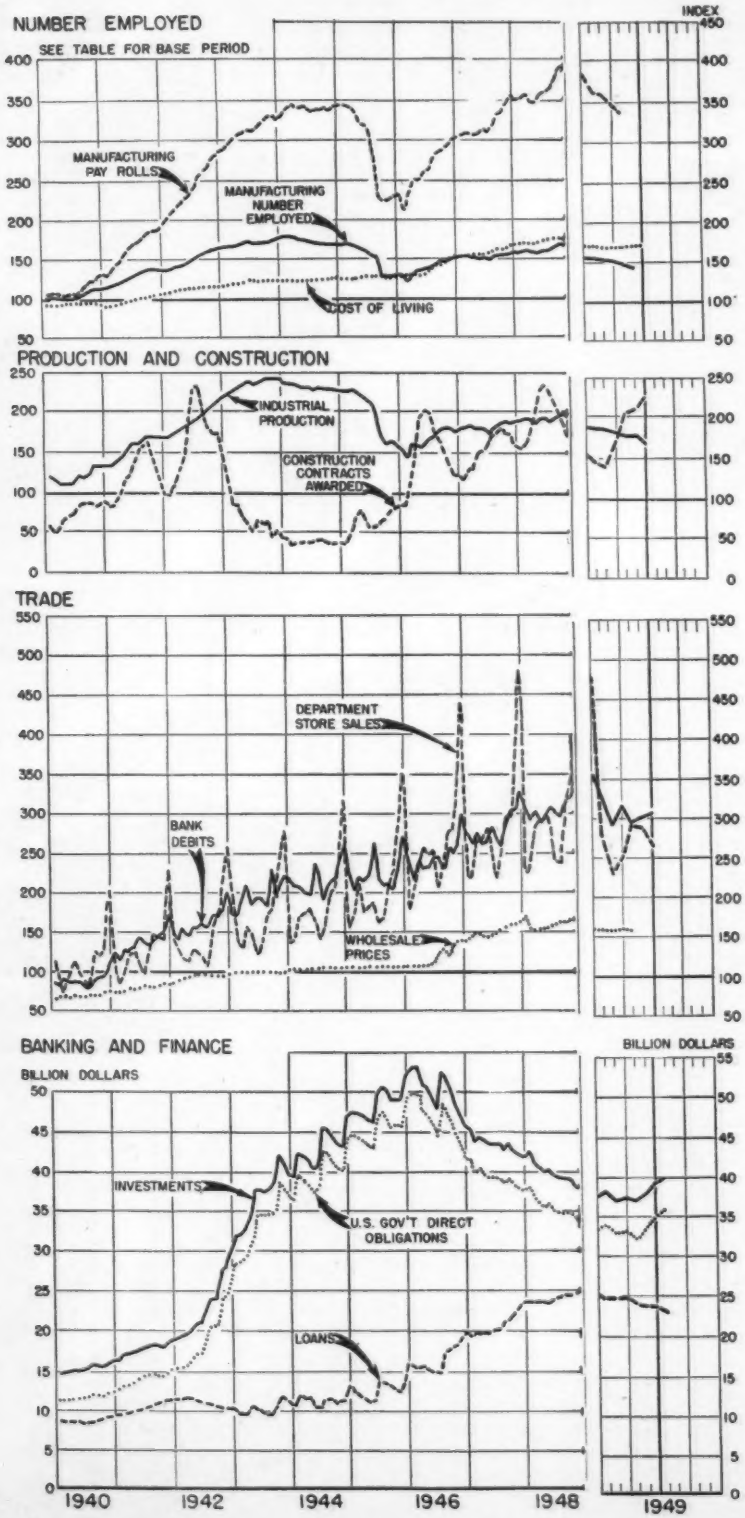
**Retail Sales** of independent dealers were down 1 per cent in June from May, 2 per cent from June of last year, and for the year to date were 1 per cent below the same period last year. When adjustment was made for seasonal variation, retail sales in June were up 1 per cent from May.

**Department Store Sales** dropped 5 per cent in June from May, 8 per cent from June 1948, and for the year to date were 2 per cent below the same period last year.

Entered as second class matter March 3, 1926, at the Post Office at Columbus, Ohio, under the Act of August 24, 1912.
Acceptance for mailing at the special rate of postage provided for in section 1103, Act of October 3, 1917, authorized March 3, 1926.

UNIVERSITY OF MICHIGAN LIBRARIES

# Business in the United States




## IN THE UNITED STATES

*(Continued from Page 1)*

May and 3 per cent from June 1948, but for the year to date was up 13 per cent from the same period last year.

**Construction Activity** as measured by the value of contracts awarded was up 4 per cent in June from May but was down 3 per cent from June 1948, and for first half year of 1949 was 5 per cent below the same period last year. For the first 6 months of 1949 as compared with the same period in 1948, residential construction was down 11 per cent and non-residential construction was down 6 per cent, while public works and utilities construction was up 1 per cent.

**Retail Sales** of independent dealers were unchanged in June from May but went down 1 per cent from June 1948, and for the year to date were down 1 per cent from the same period last year.

**Department Store Sales** dropped 7 per cent in June from May, 8 per cent from June 1948, and for the year to date were down 4 per cent from the same period in 1948.

**Wholesale Commodity Prices** dropped 1 per cent in June from May, 7 per cent from June 1948, and for the first half of 1949 were down 4 per cent from the same period last year.

**Retail Food Prices** increased 1 per cent in June from May but were down 5 per cent from June 1948.

## FOOTNOTES FOR BULLETIN TABLES

†Change in number of failures; [a]Figures in parentheses show number of firms reporting this month; [b]Data not available; [c]Only percentage change available; [d]Adjusted for seasonal changes; [e]Bureau of Business Research estimate; [f]Adjusted for number of working days; [g]Data cover county area; [h]Includes additions, alterations and repairs along with residential and non-residential; [p]Preliminary; [r]Revised; [w]Weighted; [x]Less than 0.5%; [y]More than 1,000% increase.

*Primary Sources:*

Computed from original data collected by the Bureau of Business Research from: [1]Local Power and Light Co's.; [2]County Clerk of Courts; [3]Ohio Cleaners and Dyers.

Computed by the Bureau of Business Research from data collected in cooperation with: [4]Bureau of the Census, U. S. Dept. of Commerce.

Computed by the Bureau of Business Research from special tabulations supplied by: [5]Bureau of Labor Statistics, U. S. Dept. of Labor; [6]Federal Power Commission; [7]Life Insurance Sales Research Bureau; and from data of: [8]Board of Governors of the Federal Reserve System; [9]F. W. Dodge Corporation.

Other Data Sources: [10]*New York Times;* [11]Association of American Railroads; [12]Dun & Bradstreet, Inc.; [13]American Iron & Steel Institute; [14]*Steel Magazine;* [15]Federal Reserve Board; [16]U. S. Dept. of Agriculture; [17]*Commercial & Financial Chronicle;* [18]U. S. Bureau of Labor Statistics; [19]Wards Reports; [20]Federal Power Commission; [21]Bituminous Coal Division, U. S. Dept. of Interior; [22]U. S. Steel Corporation; [23]F. W. Dodge Corporation; [24]*Chain Store Age;* [25]U. S. Dept. of Commerce; [26]Fairchild Publications; [27]Standard and Poor's Corp.; [28]Dept. of Rural Economics, O. S. U.; [29]National Industrial Conference Board; [30]R. L. Polk & Co.; [31]Ohio Bureau of Unemployment Compensation.

**BULLETIN OF BUSINESS RESEARCH**

*Published Monthly at the Ohio State University Press, Columbus, Ohio*

Copyright, 1926, by The Ohio State University

STAFF OF THE BUREAU OF BUSINESS RESEARCH

VIVA BOOTHE, *Director*
SAM ARNOLD, *Economics*
J. C. YOCUM, *Marketing*
M. V. CONDOIDE, *Res. Associate*
A. W. BAKER, *Res. Associate*
HELEN P. ZWICK, *Secretary*
JUANITA BLAIR, *Research Assistant*
OMAR S. GOODE, *Research Assistant*
MARJORIE B. LANDAKER, *Research Assistant*
MARY LOUISE NOLTE, *Research Assistant*
SARA E. WILLIAMS, *Research Assistant*

*Subscription rates: $2.00 for 1 year; $3.50 for 2 years; $4.50 for 3 years.*

# ← U. S. Reference Data

| ITEM — Unit or Index — Base Period | June 1949 | May 1949 | Change from Last Month: June 1949 from May 1949 | Change from Last Year: June 1949 from June 1948 | Change from Last Year: 6 mos. 1949 from 1948 |
|---|---|---|---|---|---|
| **General Business** | | | | | |
| **Totals, or Average Indexes for 4 Weeks Ended on Indicated Dates** | | | % | % | % |
| Bus. Activity[10] 7/16/49 *Comp. Norm.* | 137 | 142 | — 4 | — 8 | — 3 |
| Fght. Car Loadings[11] 7/16/49 *Thous.* | 2,767 | 2,941 | — 6 | — 16 | — 11 |
| Com. Failures[12] 7/16/49 ..... *Number* | 693 | 741 | — 6 | + 76 | + 79 |
| **Calendar Months** | | | | | |
| • Bank Dbts. (Excl. N.Y.C.)[3,f] *1935–39* | 306 | 300 | + 2 | — 2 | + x |
| Seasonally Adjusted, at Ann. Rates: | | | | | |
| Tot. Pers. Income Pay.[25,d] *Bil. Dol.* | 214 | 213 | + x | + x | + 2 |
| Salaries and Wages Inc.[25,d] " | 135 | 135 | — x | + 2 | + 5 |
| Non-Agricultural Inc.[25,d] .. " | 192 | 192 | 0 | + 2 | + 4 |
| Agr. Inc. (Cash f. Mktgs.)[16] *1935–39* | | | | | |
| Life Ins. Sales[7] ..... " | 214 | 213 | + 1 | + 1 | — 1 |
| Steel Ind. Oper. Rate[13] .. % Capacity | 82 | 93 | — 12 | — 13 | + 5 |
| Securities Issued[17]—New .. *Mil. Dol.* | 1,550 | 681 | +128 | + 72 | — x |
| Securities Issued[17]—Refunding " | 94 | 76 | + 24 | + 42 | — 21 |
| **Employment and Pay Rolls[15]** | | | | | |
| • No. Employed—Mfg. ..... *1939* | 145 | 145 | + x | — 8 | — 6 |
| No. Empl'd—Trade—Retail .... " | b | b | b | b | b |
| No. Empl'd—Trade—Whlsale... " | b | b | b | b | b |
| • Pay Rolls—Manufacturing .... " | 335 | 329 | + 2 | — 7 | — 2 |
| **Production** | | | | | |
| • Industrial Prod.[15] ..... *1935–39* | 170 | 174 | — 2 | — 12 | — 6 |
| Elec. Power Prod.[30] .. *Mil. of K.W.H.* | 23,617 | 23,348 | + 1 | + 4 | + 5 |
| Bitum. Coal Prod.[31] ..... *Thous. Tons* | 35,274 | 47,945 | — 26 | — 34 | — 11 |
| Steel Prod.[13] *Av. Weekly Tons Thous.* | 1,515 | 1,713 | — 12 | — 11 | + 7 |
| Pig Iron Prod.[14] ..... *Thous. Tons* | 4,819 | 5,517 | — 13 | — 3 | + 13 |
| Mach. Tool Shipments[14] ..... *1945–47* | 79 | 73 | + 9 | — 16 | — 13 |
| **Construction (Value of Contracts Awarded—37 Eastern States)** | | | | | |
| • Total (Index)[32] 3 Mo.Mov.Av. *1923–25* | 226 | 217 | + 4 | — 3 | — 5 |
| Total[32] ..... *Thous. of Dol.* | 945,676 | 880,344 | + 7 | + 1 | — 6 |
| Residential[32] ..... " " | 370,752 | 346,251 | + 7 | + 4 | — 11 |
| Nonresidential[32] ..... " " | 335,961 | 320,630 | + 5 | — 8 | — 6 |
| Public Works & Util.[32]. " " | 238,963 | 213,463 | + 12 | + 11 | + 1 |
| **Distribution** | | | | | |
| Retail Sales[33] ..... % | e | e | 0 | — 1 | — 1 |
| • Dept. Store Sales[15] ..... *1935–39* | 267 | 287 | — 7 | — 8 | — 4 |
| **Prices** | | | | | |
| • Wholesale Commod. Prices[16] .... *1926* | 154 | 156 | — 1 | — 7 | — 4 |
| • Cost of Living[6] ..... *1935–39* | 170 | 169 | + x | — 1 | + x |
| Retail Food Prices[18] ..... " | 204 | 202 | + 1 | — 5 | — 3 |
| Dept. Store Prices[36] ..... " | 139 | 139 | — x | — 1 | + x |

**Banking and Finance**

| ITEM — Unit | July 20 1949 | July 21 1948 | July 23 1947 | Change from Last Month Amt. | Change from Last Year Pr.Ct. |
|---|---|---|---|---|---|
| **Federal Reserve Banks[15]** | | | | $ | % |
| U.S. Gov. Securities ... *Mil. Dol.* | 18,474 | 26,326 | 21,700 | — 987 | — 13 |
| Member Bank Borrowings " | 361 | 286 | 119 | + 221 | + 26 |
| **Member Banks—101 Cities[15]** | | | | | |
| • Total Loans ..... " | 22,984 | 23,978 | 20,194 | — 250 | — 4 |
| Bus. & Agr. Loans and Open Market Paper " | 12,875 | 14,502 | 11,883 | — 510 | — 11 |
| Brok. & Other Secur. Ins. ..... " | 2,009 | 1,797 | 2,020 | + 101 | + 12 |
| Real Estate Loans ... " | 4,134 | 3,843 | 3,053 | + 29 | + 8 |
| Other Loans ..... " | 4,022 | 3,748 | 3,085 | + 98 | + 7 |
| • Total Investments .... " | 40,280 | 39,375 | 42,691 | + 911 | + 2 |
| • U.S. Gov. Obligations .. " | 35,507 | 34,879 | 39,154 | + 640 | + 2 |
| Demand Deposits ..... " | 46,472 | 46,726 | 47,187 | — 372 | — 1 |
| Time Deposits ..... " | 15,324 | 14,940 | 14,431 | + 14 | + 3 |
| **Money[15]** | | | | | |
| Money in Circulation .. " | 27,366 | 27,864 | 28,145 | — 25 | — 2 |
| Monetary Gold Stock .. " | 24,518 | 23,650 | 21,467 | + 95 | + 4 |
| **Security Markets[37]** | | | | | |
| Stock Prices—365 Ind. *In'x'35–39* | 125 | 136 | 134 | + 10 | — 8 |
| " " — 20 Rails " " | 92 | 120 | 112 | + 5 | — 24 |
| " " — 31 Util. " " | 96 | 98 | 102 | + 3 | — 3 |
| BondYld–Corp.Al+(high gr.) % | 2.639 | 2.793 | 2.524 | + .054 | — 6 |

* Indicates Series Charted (page 2). For Sources and Footnotes, see page 2.

# Reference Data—Ohio →

| ITEM | Unit or Index Base Period | June 1949 | May 1949 | Change from Last Month: June 1949 from May 1949 | Change from Last Year: June 1949 from June 1948 | Change from Last Year: 6 mos. 1949 from 1948 |
|---|---|---|---|---|---|---|
| **General Business** | | | | | | |
| | | | | % | % | % |
| • Bank Debits[6,f] (16 cities) | 1935–39 | 309 | 302 | + 2 | — 6 | — x |
| Commercial Failures[13] | Number | 53 | 32 | + 66 | +253 | +133 |
| Commercial Liabilities[13] | Thous. Dol. | 2,394 | 654 | +266 | +927 | +123 |
| Life Ins. Sales[7] | 1935–39 | 198 | 193 | + 3 | — 1 | — x |
| Agr. Income[20]—Total | 1924–28 | 213 | 215 | — 1 | — 16 | — 13 |
| Meat Animals | " | 272 | 285 | — 5 | — 13 | — 10 |
| Dairy Products | " | 257 | 221 | + 16 | — 28 | — 23 |
| Grains | " | 103 | 121 | — 15 | — 13 | — 11 |
| Poultry and Eggs | " | 176 | 189 | — 7 | — 6 | — 5 |
| • Electric Power Produc.[6,f] | 1935–39 | 237 | 249 | — 5 | + x | + 5 |
| Bit. Coal Prod.[21] 4 wks. | Thous. Tons | 1,966 | 2,450 | — 20 | — 35 | — 15 |
| **Construction (Value of Contracts Awarded)[9,f]** | | | | | | |
| • Total (Index) | 1935–39 | 395 | 322 | + 23 | — 10 | + 3 |
| Residential | " | 437 | 383 | + 14 | — 3 | — 15 |
| Nonresidential | " | 415 | 375 | + 11 | — 32 | + 15 |
| Public Works & Utilities | " | 317 | 179 | + 77 | + 43 | + 18 |
| **Distribution** | | | | | | |
| Retail Sales—Independent Stores[4] | | | | | | |
| All Lines[w] (1820)[a] | 1935–39 | 244 | 246 | — 1 | — 2 | — 1 |
| All Lines[w,d] (1820) | " | 238 | 236 | + 1 | — 2 | — 1 |
| All Lines[w,f] (1820) | " | e | e | + 11 | + 3 | + x |
| Food (271) | " | 211 | 202 | + 5 | — x | — 2 |
| Apparel (18.) | " | 219 | 222 | — 1 | — 12 | — 5 |
| Furniture (149) | " | 204 | 221 | — 7 | — 19 | — 13 |
| Lumber (156) | " | 327 | 317 | + 3 | — 13 | — 11 |
| • Dept. Store Sales (41) | " | 269 | 284 | — 5 | — 8 | — 2 |
| Dyers' & Cleaners' Sales[3] (45) | 1939 | 309 | 341 | — 9 | — x | — 1 |
| Passgr. Car Reg. New[2] (42 cos.) | No. | 20,749 | 20,399 | + 2 | + 59 | + 28 |
| Truck Reg. New[2] (42 cos.) | " | 2,205 | 2,381 | — 7 | — 28 | — 27 |
| Used Car Reg.[2] (33 cos.) | " | 48,984 | 51,444 | — 5 | + 20 | + 23 |
| Living Costs (6 cities)[22] | Jan. 1939 | 163 | 163 | + x | — 2 | — 1 |
| **Placements, Unemployment and Unemployment Compensation[21]** | | | | | | |
| Placements by O.E.S. | No. | 25,133 | 22,736 | + 11 | — 20 | — 25 |
| Registered for Work with O.E.S. | " | 196,386 | 178,892 | + 10 | +150 | + 95 |
| Total Benefit Payments | Thous. Dol. | 6,635 | 5,619 | + 18 | +282 | +154 |
| Av. Receiving Benefits Wkly. | No. | 75,752 | 71,386 | + 6 | +240 | +129 |
| Wkly. Benefits Per Recipient | Dol. | 19.35 | 19.27 | + x | + 8 | + 7 |
| Unemployment Com. Fund | Mil. Dol. | 551 | 558 | — 1 | + 3 | b |
| **Employment, Pay Rolls and Earnings[5]** | | | | | | |
| Number Employed: | | | | | | |
| • Total[w] (3868)[a] | 1935–39 | 128 | 129 | — 1 | — 10 | — 6 |
| • Manufacturing[w] (1799) | " | 116 | 117 | — 1 | — 14 | — 9 |
| • Trade & Pub. Util.[w] (1324) | " | 123 | 125 | — 1 | — 3 | — 1 |
| • Construction (666) | " | 149 | 141 | + 6 | — 16 | — 14 |
| Pay Rolls: | | | | | | |
| • Total[w] (3868) | " | 294 | 295 | — 1 | — 9 | — 3 |
| • Manufacturing[w] (1799) | " | 271 | 273 | — 1 | — 13 | — 6 |
| • Trade & Pub. Util.[w] (1324) | " | 232 | 231 | + x | + 4 | + 5 |
| • Construction (666) | " | 290 | 279 | + 4 | — 22 | — 14 |
| • Man-Hours—Mfg.[w] (1784) | " | 127 | 129 | — 1 | — 17 | — 12 |
| Wage Earner Mfg.[w] (1784) | " | | | | | |
| Av. Hours Worked | No. | 38.4 | 38.5 | — x | — 4 | — 3 |

**Banking (4th Federal Reserve District)[15]**

| ITEM | Unit | July 20 1949 | July 21 1948 | July 23 1947 | Change from Last Month: Amt. | Change from Last Year: Pr.Ct. |
|---|---|---|---|---|---|---|
| **Cleveland Federal Reserve Bank** | | | | | $ | % |
| U.S. Gov. Securities | Thous.Dol. | 1,703,875 | 2,044,499 | 2,211,223 | —91,000 | — 17 |
| Member Bank Borrowings | " | 9,393 | 28,984 | 16,259 | — 3,337 | — 68 |
| **Member Banks—4th District** | | | | | | |
| • Total Loans | Mil. Dol. | 1,439 | 1,503 | 1,256 | + 5 | — 4 |
| Bus. & Agr. Loans and Open Mkt. Paper | " | 815 | 927 | 710 | — 17 | — 12 |
| Brok. & "Other Secur." Loans | " | 95 | 112 | 143 | + 6 | — 15 |
| Real Estate Loans | " | 280 | 256 | 202 | + 1 | + 9 |
| Other Loans | " | 246 | 220 | 200 | — 6 | + 23 |
| • Total Investments | " | 2,970 | 2,835 | 2,931 | + 101 | + 5 |
| • U.S. Gov. Obligations | " | 2,609 | 2,497 | 2,621 | + 89 | + 4 |
| Demand Deposits | " | 3,069 | 3,055 | 2,952 | + 4 | + 3 |
| Time Deposits | " | 1,377 | 1,328 | 1,288 | — 4 | + 4 |

• Indicates Series Charted (pages 3, 4, or 5). For Sources and Footnotes, see page 2.

# Business in Ohio

## OHIO EMPLOYEE GROSS EARNINGS[5]

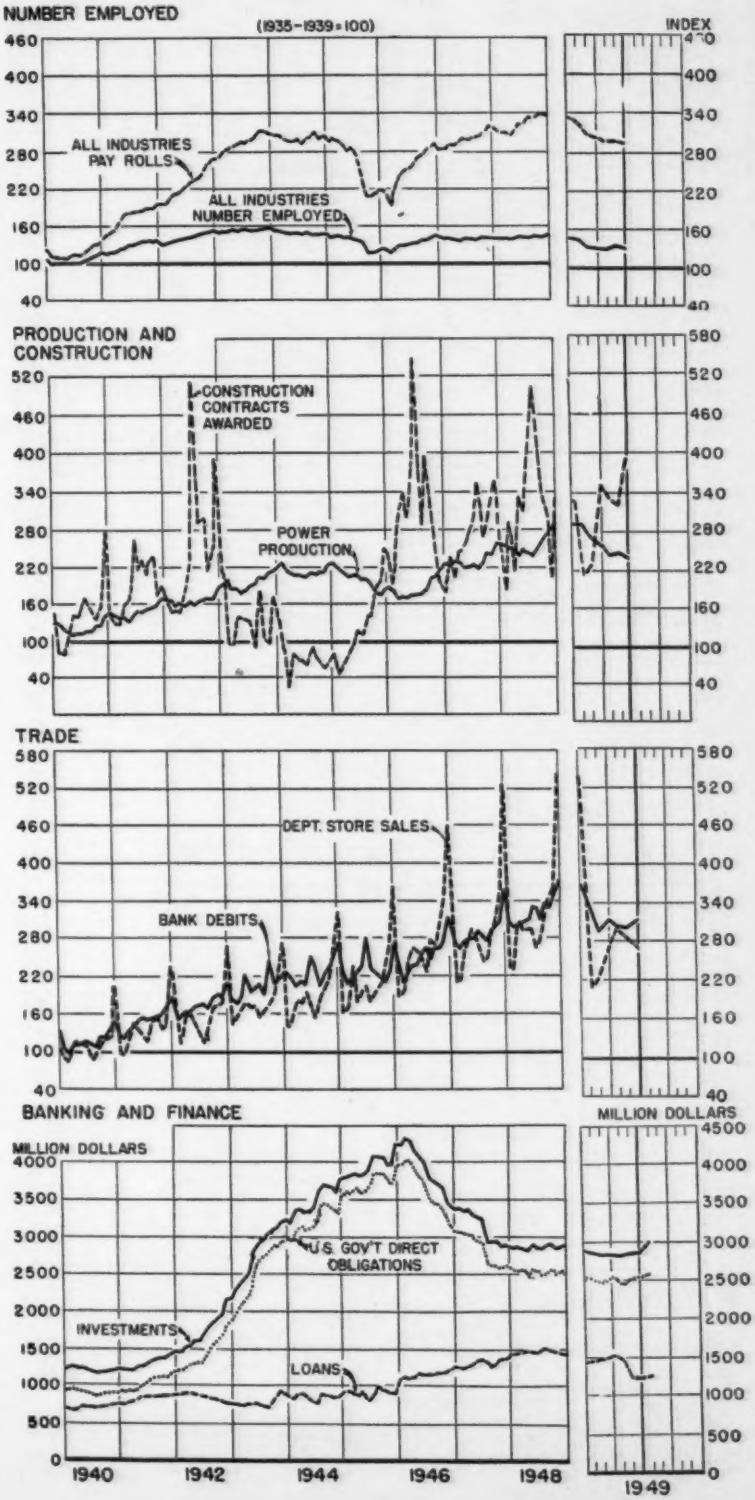
| AREA (County) | June, 1949 Weekly | June, 1949 Hourly | June, 1948 Weekly | June, 1948 Hourly |
|---|---|---|---|---|
| **Manufacturing:**[(1)] | | | | |
| Akron (69)[a] | $56.81 | $1.69 | $58.70 | $1.58 |
| Canton (73) | 51.24 | 1.58 | 55.44 | 1.47 |
| Cincinnati (309) | 56.42 | 1.42 | 54.01 | 1.31 |
| Cleveland (462) | 63.00 | 1.60 | 60.99 | 1.51 |
| Columbus (106) | 55.18 | 1.39 | 55.89 | 1.34 |
| Dayton (103) | 65.77 | 1.67 | 65.02 | 1.62 |
| Toledo (108) | 66.56 | 1.71 | 61.72 | 1.58 |
| Youngstown (34) | 60.24 | 1.61 | 59.37 | 1.52 |
| All Other Counties (675) | 57.56 | 1.49 | b | b |
| Total Ohio (1939) | 58.47 | 1.52 | 57.72 | 1.44 |
| **Nonmanufacturing**[(2)] | | | | |
| Akron (90) | 45.54 | 1.17 | 42.76 | 1.08 |
| Canton (71) | 43.55 | 1.11 | 41.30 | 1.02 |
| Cincinnati (288) | 45.28 | 1.12 | 43.44 | 1.04 |
| Cleveland (201) | 58.38 | 1.42 | 47.63 | 1.17 |
| Columbus (142) | 42.69 | 1.05 | 39.74 | .95 |
| Dayton (71) | 54.74 | 1.23 | 49.15 | 1.13 |
| Toledo (97) | 51.82 | 1.32 | 42.61 | 1.11 |
| Youngstown (56) | 44.02 | 1.10 | 43.34 | 1.06 |
| All Other Counties (413) | 48.07 | 1.19 | b | b |
| Total Ohio (1379) | 48.18 | 1.20 | 45.14 | 1.08 |
| **Construction:**[(3)] | | | | |
| Akron (31) | 77.09 | 2.01 | 77.83 | 1.71 |
| Canton (31) | 74.61 | 1.93 | 76.93 | 1.82 |
| Cincinnati (103) | 65.16 | 1.84 | 70.45 | 1.93 |
| Cleveland (173) | 83.64 | 2.18 | 86.50 | 2.13 |
| Columbus (34) | 63.04 | 1.77 | 63.27 | 1.62 |
| Dayton (52) | 67.73 | 2.03 | 73.99 | 1.94 |
| Toledo (49) | 73.16 | 2.06 | 80.21 | 2.05 |
| Youngstown (19) | 68.05 | 1.77 | 64.88 | 1.79 |
| All Other Counties (174) | 64.98 | 1.78 | b | b |
| Total Ohio (666) | 71.81 | 1.96 | 74.85 | 1.90 |
| **All Industries:** | | | | |
| Akron (190) | 53.28 | 1.49 | 54.47 | 1.42 |
| Canton (175) | 49.86 | 1.40 | 52.40 | 1.36 |
| Cincinnati (650) | 52.21 | 1.31 | 50.74 | 1.24 |
| Cleveland (836) | 61.89 | 1.54 | 57.04 | 1.41 |
| Columbus (282) | 49.01 | 1.23 | 47.42 | 1.14 |
| Dayton (226) | 62.01 | 1.52 | 60.43 | 1.47 |
| Toledo (254) | 60.44 | 1.55 | 55.35 | 1.43 |
| Youngstown (109) | 55.67 | 1.46 | 54.52 | 1.38 |
| All Other Counties (1262) | 54.57 | 1.39 | b | b |
| Total Ohio (3984) | 54.83 | 1.41 | 54.12 | 1.33 |

(1) Covers production workers including working foreman.
(2) Covers all employees except executives and other high-salaried employees.
(3) Covers all on-site employees except executives and other high-salaried employees.

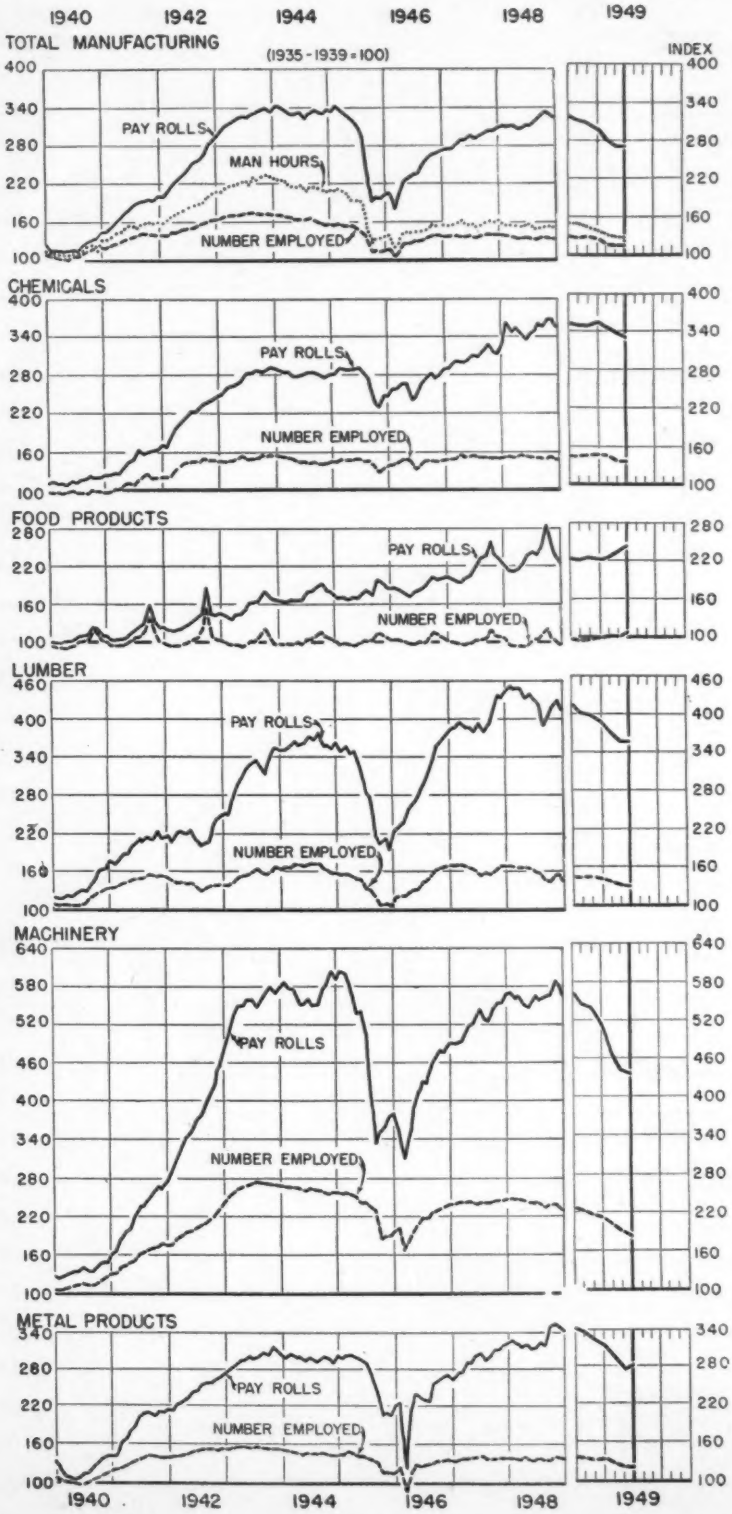
## NEW AUTOMOBILE REGISTRATIONS[2]

| Make of Car | 7 MAJOR OHIO COUNTIES[(a)] June 1949 | May 1949 | Change: June 1949 from May 1949 | Change: June 1949 from June 1948 | Percentage of Total 6 mos. 1949 |
|---|---|---|---|---|---|
| | No. | No. | % | % | % |
| Chevrolet | 4,271 | 4,197 | + 2 | + 68 | 22 |
| Plymouth | 1,804 | 1,691 | + 7 | +153 | 11 |
| Ford | 1,531 | 1,647 | — 7 | +134 | 15 |
| Buick | 1,298 | 1,298 | 0 | + 67 | 9 |
| Pontiac | 1,205 | 1,189 | + 1 | + 92 | 7 |
| Dodge | 1,050 | 756 | + 39 | +135 | 5 |
| Oldsmobile | 942 | 966 | — 2 | + 83 | 6 |
| Studebaker | 573 | 581 | — 1 | + 43 | 3 |
| Chrysler | 441 | 440 | + x | +137 | 3 |
| Hudson | 435 | 528 | — 18 | — 8 | 3 |
| Nash | 417 | 322 | + 30 | — 8 | 3 |
| Mercury | 383 | 380 | + 1 | — 17 | 3 |
| De Soto | 330 | 353 | — 7 | +137 | 2 |
| Kaiser | 314 | 297 | + 6 | — 33 | 2 |
| Packard | 308 | 299 | + 3 | + 20 | 2 |
| Cadillac | 228 | 258 | — 12 | + 19 | 2 |
| Willys | 98 | 75 | + 31 | + 13 | 1 |
| Lincoln | 48 | 85 | — 44 | — 75 | 1 |
| Frazer | 39 | 74 | — 47 | — 85 | x |
| Crosley | 28 | 46 | — 39 | — 84 | x |
| Others | 37 | 70 | — 47 | +208 | x |
| Total | 15,780 | 15,552 | + 1 | + 58 | 100 |

(a) Does not include Mahoning County.



# Number Employed, Pay Rolls, and




**Manufacturing Employment** dropped 1 per cent in June from May, 14 per cent from June 1948, and for the first half year of 1949 was 9 per cent below the same period last year. Only 3 of the major industry manufacturing groups reported employment increases in June from May, the remaining 8 of the manufacturing industry groups reported employment decreases for the same period. All groups reported employment decreases from June 1948 and all groups decreases for the first half year of 1949 as compared with the same period last year.

**Manufacturing Pay Rolls** dropped 1 per cent in June from May, 13 per cent from June last year, and for the year to date were 6 per cent below the corresponding period in 1948. In June as compared with May, 5 of the major manufacturing industry groups reported pay roll decreases. In June 1949 as compared with the same month last year all but one of the major manufacturing industry groups reported pay roll decreases. For the first half

| INDUSTRIAL GROUP | Number Employed[5] | | | | |
|---|---|---|---|---|---|
| | Index 1935–39=100 | | Change | | |
| | June 1949 | May 1949 | June 1949 from May 1949 | June 1949 from June 1948 | 6 mos. 1949 from 1948 |
| | | | % | % | % |
| **TOTAL (3868)**[w] | 128 | 129 | — 1 | — 10 | — 6 |
| **All Manufacturing (1799)**[w] | 116 | 117 | — 1 | — 14 | — 9 |
| Chemicals (133)[a] | 134 | 139 | — 4 | — 7 | — 5 |
| Food Products (168) | 104 | 100 | + 4 | — 2 | — x |
| Bakery (44) | 104 | 103 | + 1 | + 1 | + x |
| Miscellaneous (124) | 100 | 96 | + 5 | — 3 | — 1 |
| Lumber Products (88) | 131 | 132 | — 1 | — 18 | — 16 |
| Furniture (37) | 127 | 128 | — 1 | — 14 | — 13 |
| Miscellaneous (51) | 98 | 100 | — 2 | — 24 | — 22 |
| Machinery (326) | 183 | 189 | — 3 | — 23 | — 16 |
| Electrical Mach., Apparatus and Supplies (78) | 205 | 216 | — 5 | — 26 | — 18 |
| Machine Tools (30) | 111 | 115 | — 4 | — 28 | — 22 |
| Material Handling and Power Machinery (9) | 180 | 185 | — 3 | — 8 | + 8 |
| Spec. Mach. & Appl. (209) | 115 | 117 | — 2 | — 21 | — 14 |
| Metal Products (435) | 120 | 122 | — 1 | — 14 | — 3 |
| Foundry Products and Drop Forgings (21) | 131 | 136 | — 3 | — 9 | — 8 |
| Pipes, Pumps, Valves and Plumbers' Supplies (10) | 78 | 92 | — 15 | — 24 | — 13 |
| Screw Machine Products and Hardware (37) | 118 | 121 | — 2 | — 23 | — 13 |
| Sheet Metal Work (62) | 110 | 109 | + 1 | — 28 | — 19 |
| Steel Works and Rolling Mills (54) | 120 | 123 | — 2 | — 6 | — x |
| Stoves and Furnaces (24) | 89 | 84 | + 7 | — 28 | — 30 |
| Miscellaneous (227) | 143 | 140 | + 2 | — 17 | — 12 |
| Paper and Printing (218) | 122 | 124 | — 2 | — 7 | — 3 |
| Paper, inc. Stationery (16) | 117 | 118 | — 1 | — 7 | — 4 |
| Print. and Publish. (120) | 136 | 136 | — 1 | — 3 | + x |
| Miscellaneous (82) | 109 | 113 | — 4 | — 14 | — 9 |
| Rubber Products (41) | 116 | 119 | — 2 | — 12 | — 11 |
| Tire and Tubes (8) | 114 | 116 | — 2 | — 12 | — 10 |
| Miscellaneous (33) | 131 | 132 | — 1 | — 18 | — 17 |
| Stone, Clay and Glass Products (109) | 117 | 117 | + x | — 9 | — 4 |
| Brick and Tile (27) | 134 | 123 | + 9 | — 6 | — 4 |
| Glass (16) | 104 | 105 | — 1 | — 13 | — 6 |
| Vitreous and Semi-Vitreous China and Pottery (22) | 124 | 129 | — 4 | — 8 | — 1 |
| Miscellaneous (44) | 88 | 88 | + 1 | — 4 | — 3 |
| Textiles (110) | 83 | 77 | + 8 | — 7 | — 7 |
| Men's Clothing (38) | 87 | 86 | + 1 | — 5 | — 5 |
| Miscellaneous (72) | 74 | 65 | + 14 | — 9 | — 9 |
| Vehicles (75) | 124 | 124 | — x | — 6 | — 9 |
| Autos and Parts (44) | 110 | 109 | + 1 | — 4 | — 19 |
| Cars, Electric and Street Railway (4) | 139 | 130 | + 7 | — 37 | — 22 |
| Miscellaneous (27) | 294 | 307 | — 4 | — 7 | — 4 |
| Misc. Manufacturing (96) | 86 | 99 | — 14 | — 22 | — 11 |
| **Tot. Trade & Pub. Util. (1324)**[w] | 123 | 125 | — 1 | — 3 | — 1 |
| Service (227) | 106 | 104 | + 1 | — 3 | — 2 |
| Trade (Ret. & Whlsl.) (1024) | 120 | 122 | — 2 | — 3 | — 1 |
| Transp. & Pub. Util. (73) | 142 | 142 | — x | — 1 | + 2 |
| **Construction (666)** | 149 | 141 | + 6 | — 16 | — 14 |
| **Mines and Quarries (79)** | e | e | — 2 | — 6 | + 5 |

Indexes of Number employed and of pay rolls are based on the employment of 563,856 persons in 2,957 firms. Figures in parentheses show number report man-hours.

For sources and footnotes, see page 2.

# ls, nd Man-Hours in Ohio Industry

n June ne first period cturing n May, ups re- d. All 948 and as com-

n June for the ponding of the ay roll e month ndustry st half

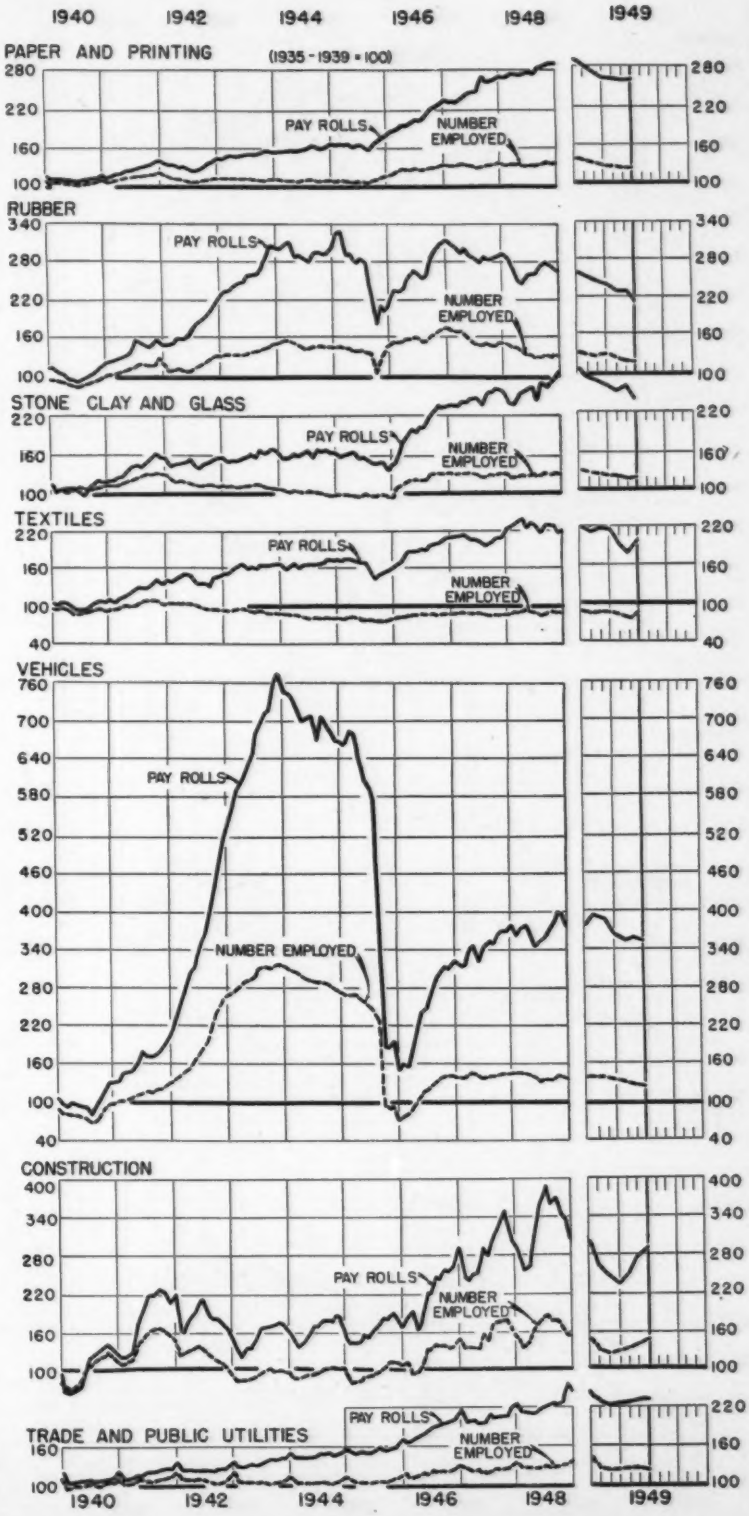
year of 1949 as compared with the same period last year 8 of the major manufacturing industry groups reported pay roll decreases.

**Man-Hours Worked** in manufacturing industries dropped 1 per cent in June from May, 17 per cent from June 1948, and for the year to date were 12 per cent below the same period last year. In June as compared with May, 8 of the major industry manufacturing groups reported a decline. In June 1949 as compared with the same month last year, and for the first 6 months of 1949 as compared with the same period in 1948, all of the major manufacturing industry groups reported decreases in the number of man-hours worked.

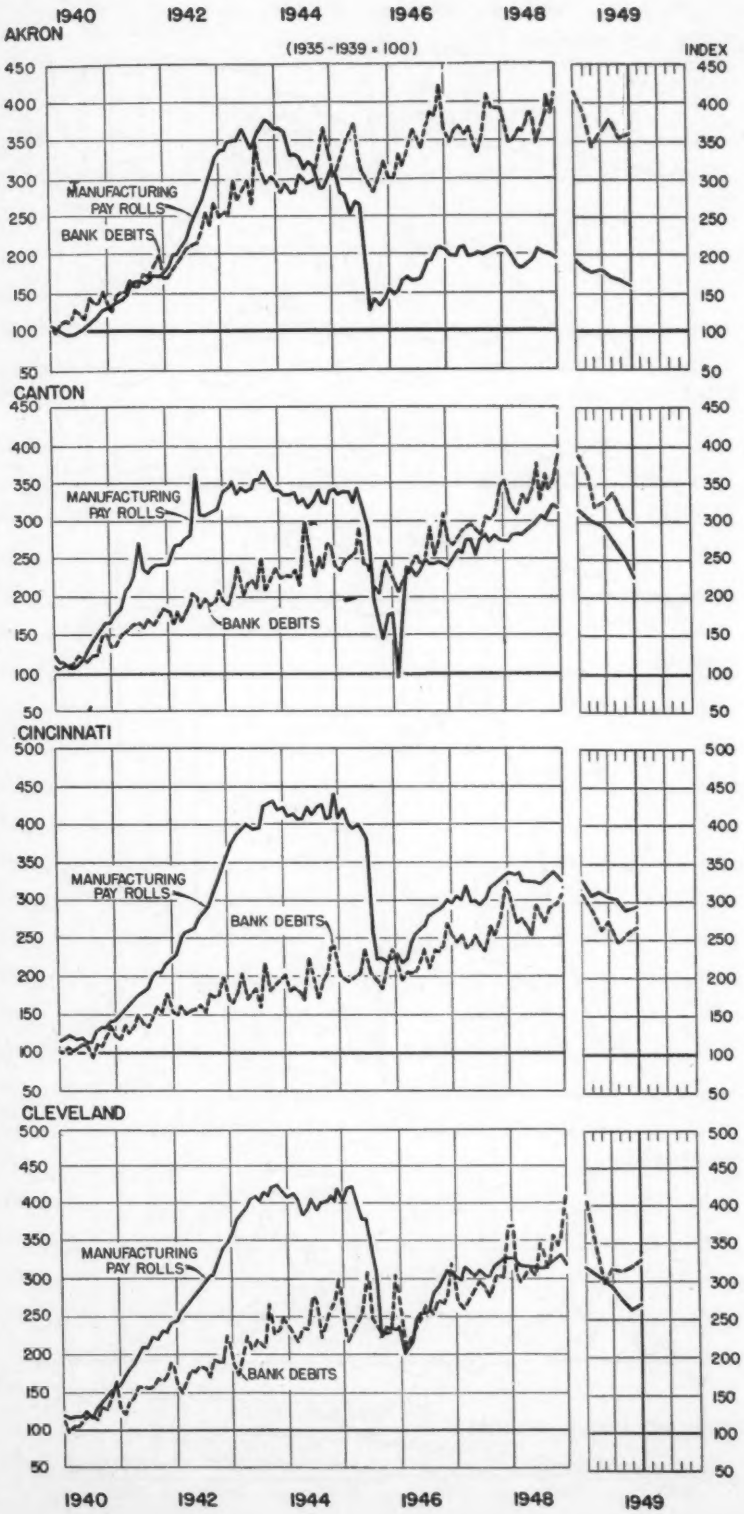
**Trade and Public Utility Employment** was down 1 per cent in June from May, 3 per cent from June 1948, and for the year to date was 1 per cent below the corresponding period last year.

| | | | | | Pay Rolls[3] | | | | | Man-Hours[3] | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Index 1935-39=100 | | Change | | | Index 1935-39=100 | | Change | | |
| | | | | | | May 1949 | June 1949 from May 1949 | June 1949 from June 1948 | 6 mos. 1949 from 1948 | June 1949 | May 1949 | June 1949 from May 1949 | June 1949 from June 1948 | 6 mos. 1949 from 1948 |
| | | | | % | | | % | % | % | | | % | % | % |
| 0 | — | 6 | 94 | | 295 | | — 1 | — 9 | — 3 | c | c | — 2 | — 14 | — 9 |
| 4 | — | 9 | 71 | | 273 | | — 1 | — 13 | — 6 | 127 | 129 | — 1 | — 17 | — 12 |
| 7 | — | 5 | 71 | | 344 | | — 4 | — 4 | + 1 | 144 | 151 | — 5 | — 9 | — 6 |
| 2 | — | x | 42 | | 237 | | + 2 | — x | + 2 | 102 | 100 | + 3 | — 5 | — 4 |
| 1 | + | x | 49 | | 252 | | — 1 | + 6 | + 9 | 114 | 118 | — 3 | + 3 | + 1 |
| 3 | — | 1 | 44 | | 356 | | + x | — 16 | — 14 | 91 | 86 | + 5 | — 6 | — 6 |
| 8 | — | 16 | 42 | | 224 | | + 3 | — 2 | — x | 142 | 142 | — x | — 20 | — 19 |
| 4 | — | 12 | 49 | | 389 | | + x | — 14 | — 11 | 141 | 140 | + x | — 18 | — 16 |
| 4 | — | 22 | 49 | | 191 | | — x | — 20 | — 19 | 92 | 93 | — 1 | — 24 | — 25 |
| 3 | — | 16 | 45 | | 443 | | — 2 | — 22 | — 13 | 190 | 196 | — 3 | — 25 | — 18 |
| 6 | — | 13 | 49 | | 475 | | — 5 | — 27 | — 15 | 215 | 227 | — 5 | — 27 | — 18 |
| 8 | — | 23 | 46 | | 229 | | — 6 | — 32 | — 26 | 103 | 108 | — 5 | — 34 | — 29 |
| 8 | + | 3 | 44 | | 535 | | — 4 | + 1 | + 23 | 208 | 216 | — 4 | — 4 | + 14 |
| 1 | — | 14 | 49 | | 290 | | + x | — 19 | — 10 | 107 | 110 | — 2 | — 24 | — 17 |
| 4 | — | 8 | 49 | | 277 | | + 1 | — 13 | — 4 | 129 | 129 | + x | — 19 | — 11 |
| 9 | — | 3 | 46 | | 295 | | — x | — 11 | + 1 | 138 | 138 | + x | — 15 | — 7 |
| 4 | — | 13 | 48 | | 202 | | — 17 | — 29 | — 12 | 72 | 85 | — 15 | — 32 | — 19 |
| 3 | — | 13 | 42 | | 257 | | + 2 | — 26 | — 15 | 122 | 119 | + 3 | — 29 | — 20 |
| 8 | — | 19 | 48 | | 280 | | + 6 | — 26 | — 18 | 125 | 118 | + 6 | — 30 | — 23 |
| 6 | — | x | 77 | | 286 | | — 3 | — 4 | + 7 | 130 | 136 | — 4 | — 11 | — 2 |
| 8 | — | 30 | 67 | | 174 | | + 8 | — 34 | — 33 | 81 | 75 | + 9 | — 37 | — 36 |
| 7 | — | 12 | 65 | | 236 | | + 7 | — 16 | — 11 | 149 | 142 | + 5 | — 21 | — 16 |
| 7 | — | 3 | 64 | | 260 | | + 2 | — 5 | — 2 | 122 | 123 | — x | — 11 | — 7 |
| 7 | — | 4 | 67 | | 296 | | + 4 | — 9 | — 9 | 129 | 135 | — 4 | — 16 | — 13 |
| 3 | + | x | 67 | | 272 | | + 2 | + 1 | + 3 | 132 | 130 | + 1 | — 5 | — 4 |
| 4 | — | 9 | 66 | | 256 | | — x | — 12 | — 4 | 111 | 113 | — 2 | — 16 | — 9 |
| 2 | — | 11 | 61 | | 225 | | — 6 | — 19 | — 10 | 129 | 136 | — 5 | — 22 | — 15 |
| 2 | — | 19 | 68 | | 217 | | — 9 | — 21 | — 10 | 129 | 140 | — 8 | — 24 | — 15 |
| 8 | — | 17 | 50 | | 283 | | + 3 | — 9 | — 12 | 121 | 118 | + 2 | — 15 | — 16 |
| 9 | — | 4 | 61 | | 255 | | — 6 | — 9 | + 3 | 102 | 106 | — 4 | — 14 | — 4 |
| 6 | — | 4 | 67 | | 307 | | + 6 | — 6 | + 2 | 139 | 128 | + 9 | — 10 | — 6 |
| 3 | — | 6 | 60 | | 273 | | — 13 | — 12 | + 5 | 91 | 102 | — 11 | — 18 | — 3 |
| 8 | — | 1 | 62 | | 207 | | — 4 | — 5 | + 6 | 82 | 85 | — 4 | — 8 | + 2 |
| 4 | — | 3 | 59 | | 165 | | + 2 | — 11 | — 6 | 80 | 79 | + 1 | — 14 | — 11 |
| 7 | — | 7 | 59 | | 178 | | + 12 | — 13 | — 12 | 86 | 80 | + 7 | — 17 | — 15 |
| 5 | — | 5 | 45 | | 203 | | — 4 | — 19 | — 13 | 94 | 96 | — 3 | — 20 | — 14 |
| 9 | — | 9 | 54 | | 169 | | + 21 | — 10 | — 11 | 79 | 70 | + 13 | — 15 | — 16 |
| 6 | — | 9 | 53 | | 353 | | + x | + 1 | — 1 | 146 | 148 | — 1 | — 5 | — 8 |
| 4 | — | 10 | 57 | | 323 | | + 1 | + 6 | + 1 | 133 | 133 | + x | — x | — 7 |
| 37 | — | 22 | 59 | | 201 | | + 4 | — 30 | — 20 | 155 | 149 | + 4 | — 35 | — 25 |
| 7 | — | 4 | 52 | | 330 | | — 5 | — 7 | — 1 | 290 | 308 | — 6 | — 13 | + 6 |
| 22 | — | 11 | 57 | | 193 | | — 6 | — 17 | — 8 | 118 | 127 | — 7 | — 24 | — 14 |
| 3 | — | 1 | 52 | | 231 | | + x | + 4 | + 5 | 119 | 121 | — 1 | — 6 | — 4 |
| 3 | — | 2 | 50 | | 163 | | — 3 | + 3 | + 5 | 94 | 95 | — 1 | — 8 | — 9 |
| 3 | — | 1 | 51 | | 223 | | + 4 | + 6 | + 4 | 120 | 121 | — 1 | — 6 | — 4 |
| 1 | + | 2 | 50 | | 289 | | — 3 | + 2 | + 7 | 158 | 165 | — 4 | — 5 | + 1 |
| 16 | — | 14 | 50 | | 279 | | + 4 | — 22 | — 14 | c | c | + 4 | — 20 | — 16 |
| 6 | + | 5 | | | c | | — 30 | — 30 | + 4 | c | c | — 32 | — 37 | — 3 |

he employm s show no 594,506 persons in 3,868 firms; indexes of man-hours, on the employ- firms reporting employment and payroll. In some cases fewer firms



# Business Conditions in




## AKRON

Total employment decreased 1 per cent in June from May and decreased 3 per cent from June 1948. Manufacturing employment decreased 9 per cent, while nonmanufacturing employment increased 12 per cent from June 1948. Total pay rolls decreased 3 per cent from May and were 5 per cent below June 1948.

Retail sales decreased 5 per cent from May and decreased 6 per cent from June 1948. Sales for the first 6 months of 1949 were fractionally above sales for the first 6 months of 1948. Cost of living decreased fractionally in June from May and decreased 1 per cent from June 1948.

## CANTON

Total employment decreased 3 per cent in June from May, and was 11 per cent below June 1948. Manufacturing employment decreased 16 per cent, while nonmanufacturing employment increased 1 per cent from June 1948. Total pay rolls were 5 per cent below May and 15 per cent below June 1948.

Bank debits decreased 4 per cent from May and were 11 per cent below June 1948. Retail sales decreased 4 per cent in June from May and were 8 per cent less than in June 1948. Sales for the first 6 months of 1949 were 1 per cent above sales for the first 6 months of 1948.

## CINCINNATI

Total employment decreased 1 per cent in June from May and decreased 11 per cent from June 1948. All components of employment decreased from June 1948, amounting to 14 per cent for manufacturing, 6 per cent for nonmanufacturing, and 13 per cent for construction. Total pay rolls increased 1 per cent from May and were 8 per cent below June 1948.

Bank debits increased 3 per cent from May and decreased 10 per cent from June 1948. Retail sales decreased from May by 9 per cent and from June 1948 by 5 per cent. Sales for the first 6 months of 1949 were 3 per cent below last year's sales for the same period.

## CLEVELAND

Total employment increased 1 per cent in June from May, and decreased 9 per cent from June 1948. Manufacturing employment decreased 14 per cent from June 1948, while nonmanufacturing employment increased fractionally. Total pay rolls increased 7 per cent from May, and decreased 1 per cent from June 1948.

Bank debits increased from May by 3 per cent and decreased from June 1948 by 6 per cent. Retail sales for June were fractionally below May and 4 per cent above June 1948. Sales for the first half of 1949 were 2 per cent above sales for the same period of 1948. Living costs increased 1 per cent from May.

The steel industry operated at 96 per cent of theoretical capacity in June, a decrease of 5 per cent from May, and the June rate was 1 per cent above the rate in June 1948.

| ITEM — Unit or Index — Base Period | June 1949 | May 1949 | Change from Last Month: June 1949 from May 1949 | Change from Last Year: June 1949 from June 1948 | Change from Last Year: 6 mos. 1949 from 1948 |
|---|---|---|---|---|---|
| **AKRON** | | | | | |
| | | | % | % | % |
| Number Employed:[5,z] | | | | | |
| Total[w] (204)[a] ..... *1935–39* | 107 | 109 | — 1 | — 3 | — 1 |
| All Manufacturing (69)[a] ..... " | 93 | 95 | — 2 | — 9 | — 9 |
| Trade & Public Util. (104)[a] .... " | 144 | 143 | + x | + 12 | + 19 |
| Construction (31)[a] ..... " | 105 | 106 | — 2 | — 32 | — 11 |
| •Pay Rolls:[5,z] Total[w] (204)[a] ..... " | 193 | 200 | — 3 | — 5 | + 1 |
| All Manufacturing (69)[a] ..... " | 162 | 169 | — 5 | — 14 | — 8 |
| Trade & Public Util. (104)[a] .... " | 276 | 276 | — x | + 10 | + 14 |
| Construction (31)[a] ..... " | 354 | 347 | + 2 | — 29 | — 6 |
| Ret. Sales—Independent Stores[4] (85)[a]. % | e | e | — 5 | — 6 | + x |
| Auto Registrations:[2,z] New Cars .....*No.* | 1,452 | 1,613 | — 10 | + 47 | + 22 |
| " " New Trucks ... " | 129 | 142 | — 9 | — 30 | — 23 |
| Cost of Living[20] .....*Jan. 1939* | 165 | 165 | — x | — 1 | + 1 |
| •Bank Debits Index[9,f] .....*1935–39* | 360 | 353 | + 2 | — 8 | — x |
| Commercial Failures[12] .....*No.* | 4 | 1 | + 3† | + 2† | + 15† |
| " Liabilities[12] .....*Thous. Dol.* | 48 | 11 | +336 | + 14 | +264 |
| Indus. Power Consump. Index[1,f] .*1935–39* | 299 | 310 | — 3 | — 15 | — 8 |
| Val. Bldg. Permits[5,f]—Total[b] ..... " | 1,079 | 822 | + 31 | — 50 | — 29 |
| Residential ..... " | 1,065 | 905 | + 18 | — 54 | — 30 |
| Nonresidential ..... " | 1,663 | 987 | + 69 | — 53 | — 33 |
| **CANTON** | | | | | |
| Number Employed:[5,z] | | | | | |
| Total[w] (181)[a] .....*1935–39* | 140 | 144 | — 3 | — 11 | — 2 |
| All Manufacturing (73)[a] ..... " | 144 | 151 | — 4 | — 16 | — 5 |
| Trade & Public Util. (77)[a] ..... " | 128 | 128 | + x | + 1 | + 3 |
| Construction (31)[a] ..... " | 173 | 161 | + 7 | + x | + 36 |
| •Pay Rolls:[5,z] Total[w] (181)[a] ..... " | 250 | 263 | — 5 | — 15 | + 2 |
| All Manufacturing (73)[a] ..... " | 228 | 251 | — 9 | — 21 | — 2 |
| Trade & Public Util. (77)[a] ..... " | 288 | 285 | + 1 | + 3 | + 5 |
| Construction (31)[a] ..... " | 356 | 332 | + 7 | + 8 | + 63 |
| Ret. Sales—Independent Stores[4] (24)[a]. % | e | e | — 4 | — 8 | + 1 |
| Auto Registrations:[2,z] New Cars .....*No.* | 924 | 890 | + 4 | + 40 | + 22 |
| " " New Trucks ... " | 96 | 135 | — 29 | — 40 | — 12 |
| •Bank Debits Index[9,f] .....*1935–39* | 295 | 308 | — 4 | — 11 | + 3 |
| Commercial Failures[12] .....*No.* | 0 | 1 | — 1† | — 1† | 0† |
| " Liabilities[12] .....*Thous. Dol.* | 0 | 10 | —100 | —100 | + 67 |
| Val. Bldg. Permits[5,f] Total[b] .....*1935–39* | 421 | 460 | — 9 | — 27 | + 6 |
| Residential ..... " | 656 | 753 | — 13 | + 3 | + 7 |
| Nonresidential ..... " | 235 | 268 | — 12 | — 72 | — 2 |
| **CINCINNATI** | | | | | |
| Number Employed:[5,z] | | | | | |
| Total[w] (706)[a] .....*1935–39* | 110 | 112 | — 1 | — 11 | — 10 |
| All Manufacturing (310)[a] ..... " | 128 | 130 | — 1 | — 14 | — 11 |
| Trade & Public Util. (293)[a] .... " | 96 | 96 | — x | — 6 | — 8 |
| Construction (103)[a] ..... " | 102 | 106 | — 4 | — 13 | — 11 |
| •Pay Rolls:[5,z] Total[w] (706)[a] ..... " | 240 | 238 | + 1 | — 8 | — 7 |
| All Manufacturing (310)[a] ..... " | 296 | 291 | + 2 | — 9 | — 9 |
| Trade & Public Util. (293)[a] .... " | 199 | 200 | — x | — 3 | — 3 |
| Construction (103)[a] ..... " | 195 | 217 | — 10 | — 18 | — 7 |
| Ret. Sales—Independent Stores[4] (213)[a] % | e | e | — 9 | — 5 | — 3 |
| Auto Registrations:[2,z] New Cars .....*No.* | 2,517 | 2,641 | — 5 | + 45 | + 23 |
| " " New Trucks ... " | 320 | 301 | + 6 | — 22 | — 32 |
| Cost of Living[20] .....*Jan. 1939* | 164 | 163 | + x | — 1 | — x |
| Retail Food Price Index[18] .....*1935–39* | 204 | 200 | + 2 | — 6 | — 4 |
| •Bank Debits Index[9,f] .....*1935–39* | 266 | 257 | + 3 | — 10 | — 3 |
| Commercial Failures[12] .....*No.* | 5 | 4 | + 1† | + 3† | + 13† |
| " Liabilities[12] .....*Thous. Dol.* | 110 | 50 | +120 | +450 | +292 |
| Val. Bldg. Permits[5,f] Total[b] .....*1935–39* | 224 | 210 | + 7 | — 52 | — 26 |
| Residential ..... " | 142 | 88 | + 61 | — 28 | — 42 |
| Nonresidential ..... " | 45 | 172 | — 14 | — 93 | — 13 |
| Steel Ind. Oper. Rate[13] *4 Wks. Av. % Cap.* | 93 | 99 | — 6 | — 6 | + 8 |
| **CLEVELAND** | | | | | |
| Number Employed:[5,z] | | | | | |
| Total[w] (884)[a] .....*1935–39* | 126 | 126 | + 1 | — 9 | — 7 |
| All Manufacturing (466)[a] ..... " | 121 | 120 | + 1 | — 14 | — 11 |
| Trade &Public Util. (245)[a] .... " | 123 | 123 | — 1 | + x | + 22 |
| Construction (173)[a] ..... " | 414 | 383 | + 8 | — 29 | — 24 |
| •Pay Rolls:[5,z] Total[w] (884)[a] ..... " | 293 | 275 | + 7 | — 1 | — 1 |
| All Manufacturing (466)[a] ..... " | 272 | 261 | + 4 | — 12 | — 10 |
| Trade &Public Util. (245)[a] .... " | 259 | 250 | + 4 | + 9 | + 7 |
| Construction (173)[a] ..... " | 479 | 431 | + 11 | — 32 | — 24 |
| Ret. Sales—Independent Stores[4] (305)[a] % | e | e | — x | + 4 | + 2 |
| Auto Registrations:[2,z] New Cars .....*No.* | 5,840 | 5,549 | + 5 | + 65 | + 29 |
| " " New Trucks ... " | 399 | 464 | — 14 | — 38 | — 36 |
| Cost of Living[20] .....*Jan. 1939* | 163 | 162 | + 1 | — 2 | — 1 |
| Retail Food Price Index[18] .....*1935–39* | 211 | 208 | + 1 | — 6 | — 3 |
| •Bank Debits Index[9,f] .....*1935–39* | 327 | 318 | + 3 | — 6 | + 3 |
| Commercial Failures[12] .....*No.* | 13 | 7 | + 6† | + 8† | + 27† |
| " Liabilities[12] .....*Thous. Dol.* | 535 | 211 | +154 | +929 | +385 |
| Val. Bldg. Permits[5,f] Total[b] .....*1935–39* | 323 | 416 | — 22 | — 32 | — 11 |
| Residential ..... " | 234 | 314 | — 25 | — 24 | + 9 |
| Nonresidential ..... " | 463 | 821 | — 44 | — 55 | — 29 |
| Steel Ind. Oper. Rate[13] *4 Wks. Av. % Cap.* | 96 | 101 | — 5 | + 1 | + 5 |

• Indicates Series Charted (Page 6). For Sources and Footnotes, see Page 2.

| ITEM | Unit or Index Base Period | June 1949 | May 1949 | Change from Last Month: June 1949 from May 1949 | Change from Last Year: June 1949 from June 1948 | Change from Last Year: 6 mos. 1949 from 1948 |
|---|---|---|---|---|---|---|
| **COLUMBUS** | | | | | | |
| | | | | % | % | % |
| Number Employed:[5,g] | | | | | | |
| Total[w] (320)[a] | 1935–39 | 129 | 129 | + x | — 1 | — 1 |
| All Manufacturing (106)[a] | " | 123 | 122 | + 1 | — 5 | — 6 |
| Trade & Public Util. (180)[a] | " | 126 | 128 | — 2 | — 2 | + x |
| Construction (34)[a] | " | 204 | 185 | + 10 | + 37 | + 24 |
| • Pay Rolls:[5,g] Total[w] (320)[a] | " | 292 | 296 | — 1 | + 2 | + 6 |
| All Manufacturing (106)[a] | " | 357 | 353 | + 1 | — 5 | — 2 |
| Trade & Public Util. (180)[a] | " | 237 | 253 | — 6 | + 1 | + 7 |
| Construction (34)[a] | " | 480 | 407 | + 18 | + 53 | + 46 |
| Ret. Sales—Independent Stores[4] (138)[a] | % | * | * | — 5 | — x | + 3 |
| Auto Registrations:[2,g] New Cars | No. | 1,789 | 1,652 | + 8 | + 77 | + 32 |
| " " New Trucks | " | 216 | 231 | — 6 | — 30 | — 22 |
| Retail Food Price Index[10] | 1935–39 | 185 | 184 | + 1 | — 7 | — 5 |
| • Bank Debits Index[3,f] | 1935–39 | 320 | 314 | + 2 | + 3 | + 7 |
| Commercial Failures[12] | No. | 5 | 2 | + 3† | + 4† | + 11† |
| " Liabilities[12] | Thous. Dol. | 114 | 21 | +443 | +338 | +376 |
| Val. Bldg. Permits[5,f] Total[b] | 1935–39 | 859 | 655 | + 31 | + 68 | + 1 |
| Nonresidential | " | 873 | 599 | + 46 | +153 | + 25 |
| Residential | " | 809 | 1,069 | — 24 | — 9 | + 66 |
| **DAYTON** | | | | | | |
| Number Employed:[5,g] | | | | | | |
| Total[w] (244)[a] | 1935–39 | 134 | 135 | — 1 | — 14 | — 11 |
| All Manufacturing (105)[a] | " | 140 | 145 | — 4 | — 20 | — 15 |
| Trade & Public Util. (87)[a] | " | 138 | 136 | + 1 | — 4 | — 4 |
| Construction (52)[a] | " | 84 | 70 | + 20 | + 11 | — 3 |
| • Pay Rolls:[5,g] Total[w] (244)[a] | " | 359 | 361 | — x | — 12 | — 5 |
| All Manufacturing (105)[a] | " | 390 | 399 | — 2 | — 20 | — 11 |
| Trade & Public Util. (87)[a] | " | 305 | 305 | + x | — 1 | + 3 |
| Construction (52)[a] | " | 257 | 232 | + 10 | + 7 | + 2 |
| Ret. Sales—Independent Stores[4] (25)[a] | % | * | * | — 5 | — 13 | — 13 |
| Auto Registrations:[2,g] New Cars | No. | 1,791 | 1,859 | — 4 | + 79 | + 28 |
| " " New Trucks | " | 136 | 148 | — 8 | — 41 | — 34 |
| Cost of Living[20] | Jan. 1939 | 156 | 156 | + x | — 3 | — 3 |
| • Bank Debits Index[3,f] | 1935–39 | 337 | 338 | — x | — 7 | — 2 |
| Commercial Failures[12] | No. | 2 | 2 | 0† | + 1† | + 8† |
| " Liabilities[12] | Thous. Dol. | 141 | 60 | +135 | + 76 | — 76 |
| Indus. Power Consump. Index[1,f] | 1935–39 | 265 | 267 | — 1 | — 1 | — 1 |
| Val. Bldg. Permits[5,f]—Total[b] | " | 517 | 648 | — 20 | + 36 | + 8 |
| Residential | " | 839 | 589 | + 42 | + 35 | — 6 |
| Nonresidential | " | 164 | 859 | — 81 | — 34 | + 7 |
| **TOLEDO** | | | | | | |
| Number Employed:[5,g] | | | | | | |
| Total[w] (278)[a] | 1935–39 | 95 | 96 | — 1 | — 15 | — 10 |
| All Manufacturing (110)[a] | " | 94 | 94 | — 1 | — 21 | — 14 |
| Trade & Public Util. (119)[a] | " | 97 | 98 | — 1 | — 3 | — x |
| Construction (49)[a] | " | 95 | 93 | + 2 | — 33 | — 21 |
| • Pay Rolls:[5,g] Total[w] (278)[a] | " | 200 | 192 | + 4 | — 7 | — 3 |
| All Manufacturing (110)[a] | " | 186 | 179 | + 4 | — 16 | — 10 |
| Trade & Public Util. (119)[a] | " | 191 | 189 | + 1 | + x | + 2 |
| Construction (49)[a] | " | 174 | 178 | — 2 | — 40 | — 33 |
| Ret. Sales—Independent Stores[4] (105)[a] | % | * | * | — 1 | — 6 | — 1 |
| Auto Registrations:[2,g] New Cars | No. | 1,467 | 1,348 | + 9 | + 35 | + 16 |
| " " New Trucks | " | 174 | 174 | 0 | — 21 | — 21 |
| Cost of Living[20] | Jan. 1939 | 166 | 166 | + x | — 3 | — 1 |
| • Bank Debits Index[3,f] | 1935–39 | 278 | 263 | + 6 | — 6 | — 8 |
| Commercial Failures[12] | No. | 9 | 2 | + 7† | + 8† | + 13† |
| " Liabilities[12] | Thous. Dol. | 189 | 139 | + 36 | + y | +200 |
| Indus. Power Consump. Index[1,f] | 1935–39 | 253 | 264 | — 4 | — 4 | + 1 |
| Val. Bldg. Permits[5,f]—Total[b] | " | 464 | 1,437 | — 68 | — 74 | — 23 |
| Residential | " | 323 | 480 | — 33 | — 38 | — 4 |
| Nonresidential | " | 628 | 3,178 | — 80 | — 85 | — 29 |
| **YOUNGSTOWN** | | | | | | |
| Number Employed:[5,g] | | | | | | |
| Total[w] (125)[a] | 1935–39 | 122 | 127 | — 4 | — 7 | — 3 |
| All Manufacturing (34)[a] | " | 142 | 143 | — 1 | — 1 | + 1 |
| Trade & Public Util. (72)[a] | " | 114 | 125 | — 9 | — 14 | — 5 |
| Construction (19)[a] | " | 27 | 37 | — 26 | — 49 | — 43 |
| • Pay Rolls:[5,g] Total[w] (125)[a] | " | 256 | 265 | — 3 | — 5 | + 2 |
| All Manufacturing (34)[a] | " | 308 | 306 | + x | + 4 | + 5 |
| Trade & Public Util. (72)[a] | " | 241 | 279 | — 14 | — 9 | + 4 |
| Construction (19)[a] | " | 103 | 145 | — 29 | — 20 | — 29 |
| Ret. Sales—Independent Stores[4] (121)[a] | % | * | * | — 4 | — 5 | + x |
| Auto Registrations:[2,g] New Cars | No. | b | b | b | b | b |
| " " New Trucks | " | b | b | b | b | b |
| Cost of Living[20] | Jan. 1939 | 161 | 161 | — x | — 2 | — 1 |
| • Bank Debits Index[3,f] | 1935–39 | 331 | 331 | — x | — 8 | + x |
| Commercial Failures[12] | No. | 4 | 1 | + 3† | + 4† | + 6† |
| " Liabilities[12] | Thous. Dol. | 17 | 4 | +325 | + y | + y |
| Indus. Power Consump. Index[1,f] | 1935–39 | 202 | 253 | — 20 | — 7 | — 14 |
| Val. Bldg. Permits[5,f]—Total[b] | " | 306 | 300 | + 2 | — 28 | — 15 |
| Residential | " | 485 | 452 | + 7 | + 30 | + 51 |
| Nonresidential | " | 194 | 129 | + 51 | — 68 | — 58 |
| Steel Ind. Oper. Rate[13] | ↓ Wks. Av. % Cap. | 93 | 105 | — 11 | — 9 | + 9 |

* Indicates Series Charted (Page 7). For Sources and Footnotes, see Page 1.

# the Chief Ohio Cities

## COLUMBUS

Total employment increased a fraction in June from May, and decreased 1 per cent from June 1948. Manufacturing and nonmanufacturing employment decreased 5 per cent and 2 per cent respectively from June 1948, while construction employment increased 37 per cent in the same period. Total pay rolls were 1 per cent below May and 2 per cent above June 1948.

Bnak debits were 2 per cent above May and 3 per cent above June 1948. Retail sales decreased 5 per cent from May and were fractionally below June 1948. Sales for the first 6 months of 1949 were 3 per cent greater than the sales for the same period of 1948. The value of nonresidential building permits issued during the first 6 months of 1949 was 66 per cent above those issued during the same period of 1948.

## DAYTON

Total employment decreased 1 per cent in June from May, and 14 per cent from June 1948. Manufacturing and nonmanufacturing employment decreased 20 per cent and 4 per cent respectively, while construction employment increased 11 per cent from June 1948. Total pay rolls for June were fractionally below May and decreased 12 per cent from June 1948.

Bank debits were fractionally below May and 7 per cent below June 1948. Retail sales decreased 5 per cent from May and 13 per cent from June 1948. Sales for the first half of 1949 were 13 per cent below sales for the first half of 1948. Living costs were a fraction above May but decreased 3 per cent from June 1948.

## TOLEDO

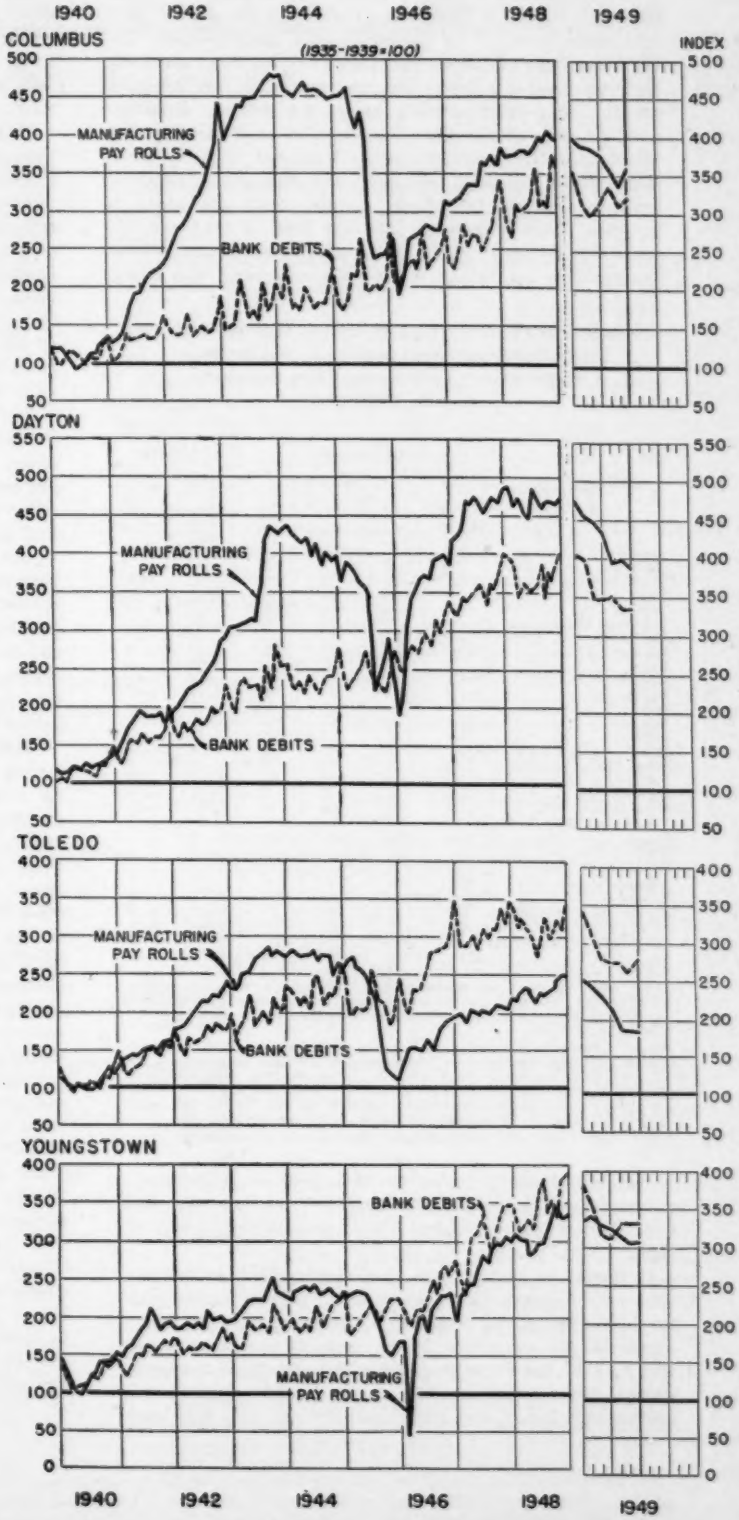
Total employment decreased 1 per cent in June from May, and 15 per cent from June 1948. All components of employment decreased from June 1948. These decreases were: 21 per cent for manufacturing, 3 per cent for nonmanufacturing, and 33 per cent for construction. Total pay rolls were 4 per cent above May and 7 per cent below June 1948.

Bank debits increased 6 per cent from May and decreased 6 per cent from June 1948. Retail sales in June were 1 per cent below May and 6 per cent below June 1948. Sales for the first 6 months of 1949 were 3 per cent less than the sales for the same period of 1948. Cost of living was up a fraction from May and down 3 per cent from June 1948.

## YOUNGSTOWN

Total employment decreased 4 per cent in June from May and decreased 7 per cent from June 1948. Manufacturing employment decreased 1 per cent from June 1948, and nonmanufacturing employment decreased 14 per cent in the same period. Total pay rolls were 3 per cent below May and 5 per cent below June 1948.

Bank debits decreased a fraction from May and decreased 8 per cent from June 1948. Retail sales decreased 4 per cent from May and were 5 per cent below June 1948.



# CURRENT EMPLOYMENT TRENDS IN OHIO

**Total nonagricultural private employment** in Ohio reached its peak in December, 1947 when 2.2 million persons were covered by unemployment compensation. In 1948, employment which was slightly down from the 1947 high remained at a fairly high and constant level throughout the year being slightly under 2.2 million. Employment in each of the first 6 months of 1949 steadily declined from the previous month's level and from the level of the same month a year ago. The decrease in employment in January 1949 from January 1948 was about 3 per cent. This percentage decrease from a year ago increased each month and in June 1949, employment, which amounted to an estimated 1.9 million persons, was down 10 per cent from the same month a year ago. The average employment for the first half of 1949, however, was down only 6 per cent from the corresponding period of 1948.

**Number of Private Wage or Salary Workers in Nonagricultural Industries and Per Cent Change in Employment, by Industry, Ohio, Selected Periods, 1947-1949**

| Industry | Number Employed (Thousands) | | | | Per Cent Change | |
|---|---|---|---|---|---|---|
| | | Estimated | | | | |
| | Dec. 1947 | June 1948 | Dec. 1948 | June 1949 | June 1949 from June 1948 | 6 Mos. 1949 from 1948 |
| Chemicals | 39 | 37 | 40 | 36 | — 3 | — 2 |
| Petroleum and Coal | 10 | 10 | 8 | 8 | —17 | —16 |
| Food | 69 | 72 | 66 | 70 | — 2 | — x |
| Lumber | 36 | 34 | 32 | 28 | —17 | —25 |
| Electrical Machinery | 96 | 87 | 85 | 64 | —26 | —18 |
| Machinery not Elec. | 219 | 221 | 210 | 174 | —21 | —14 |
| Metals | 319 | 317 | 318 | 273 | —14 | — 8 |
| Paper | 33 | 32 | 33 | 29 | —12 | — 7 |
| Printing | 49 | 49 | 49 | 47 | — 4 | — 1 |
| Rubber | 89 | 79 | 80 | 69 | —12 | —11 |
| Stone | 67 | 67 | 67 | 61 | — 9 | — 4 |
| Apparel | 33 | 33 | 33 | 31 | — 4 | — 5 |
| Textiles | 15 | 15 | 13 | 13 | —16 | —15 |
| Autos | 84 | 76 | 79 | 73 | — 4 | —10 |
| Other Transportation | 24 | 22 | 23 | 20 | — 9 | — 5 |
| Leather | 17 | 16 | 16 | 11 | —34 | —10 |
| Tobacco | 3 | 3 | 3 | 3 | —11 | — 6 |
| Miscellaneous Mfg. | 44 | 38 | 40 | 33 | —15 | —14 |
| Manufacturing Total | 1246 | 1208 | 1191 | 1043 | —14 | — 9 |
| Transp. and Utilities | 125 | 130 | 131 | 129 | — 1 | + 2 |
| Whlsl. and Retail Trade | 513 | 435 | 507 | 422 | — 3 | — 1 |
| Wholesale Trade | 135 | 134 | 137 | 132 | — 2 | — 1 |
| Retail Trade | 378 | 301 | 370 | 290 | — 3 | — 1 |
| Service | 206 | 219 | 211 | 212 | — 3 | — 2 |
| Mining and Quarrying | 32 | 31 | 30 | 29 | — 6 | + 5 |
| Construction | 101 | 114 | 95 | 95 | —16 | —14 |
| Nonmanufact. Total | 977 | 930 | 974 | 887 | — 5 | — 2 |
| Total[a] | 2224 | 2138 | 2166 | 1930 | —10 | — 6 |

[a] Data cover all employees except those in agriculture, domestic service, government, religious, and nonprofit organizations, interstate railroads and employees of firms with less than three persons.

x Less than 0.5%.

Source: Data for December 1947 taken from a release by the Ohio Bureau of Unemployment Compensation, Division of Research and Statistics. Estimates for June 1948, December 1948, and June 1949, are computed by the Bureau of Business Research, Ohio State University from special tabulation supplied by the Bureau of Labor Statistics, U. S. Department of Labor linked on the BUC data.

Note: Sum of the parts may not equal the total due to rounding.

It should be pointed out that employment as used in this article covers only employees in private nonagricultural establishments employing 3 or more persons which represents an estimated 80 per cent of the labor force. The data do not cover employees in agriculture, domestic service, government, religious and nonprofit organizations, interstate railroad, and employees of firms with less than 3 persons. If these employees were included the employment picture would probably be somewhat better. Agricultural employment and self-employment, on a national basis, are not down from last years levels; as a matter of fact, agricultural employment is up from the levels of last year.

**Total manufacturing employment** during the current year decreased considerably more than did the other components of the total economy. Employment in manufacturing decreased from 1.25 million in December 1947 to 1.19 million in December 1948. Following December 1948, employment decreases in manufacturing became more significant and in June 1949 employment was down to 1.04 million persons. Each of the six months in 1949 was down by an increasing percentage from the corresponding month of the previous year. Employment in January 1949 was down 6 per cent from January 1948 while employment in June 1949 was down 14 per cent from June 1948.

In June 1949 as compared with June 1948, employment in each of the major manufacturing industry groups was down. Employment was down 34 per cent in leather, 26 per cent in electrical machinery, 21 per cent in machinery other than electrical, 17 per cent in both petroleum and coal products and in lumber, 16 per cent in textiles and 14 per cent in metals. In terms of absolute numbers, the largest decreases in employment occurred in the machinery other than electrical and in the metals industries. Employment was down 47 thousand persons in the former and 44 thousand persons in the latter industry. Only minor decreases in employment, 4 per cent or less, took place in the food, chemicals, apparel, automobile and printing industries.

Since the general employment trend was downward during the first six months of 1949, decreases in June 1949 as compared with June 1948 as indicated above were greater than the average decreases for the first half of 1949 as compared with the same period in 1948. Average employment in each of the major industry groups was down. Decreases were greatest in the lumber, machinery other than electrical, petroleum and coal products, textile, rubber products and leather industries. In these industries, employment was down 10 per cent or more. Decreases of between 5 and 9 per cent occurred in metals, paper, apparel, and transportation equipment other than automobile industries. Smaller decreases took place in the other industries.

**Employment in total nonmanufacturing** in June 1949 as compared with June 1948 was down 5 per cent. For the same period, employment in transportation and public utilities was down 1 per cent; in wholesale and retail trade, 3 per cent; in service, 3 per cent; in mines and quarries, 10 per cent; and in construction, 16 per cent. Average employment for the first half year of 1949 as compared with the corresponding period in 1948 was down considerably less than was the June 1949 from June 1948. Average employment was down 2 per cent in total nonmanufacturing, 1 per cent in wholesale and retail trade, 2 per cent in service and 14 per cent in construction. Average employment was up 5 per cent in mines and quarries and 2 per cent in transportation and public utilities.

*Sam Arnold*